

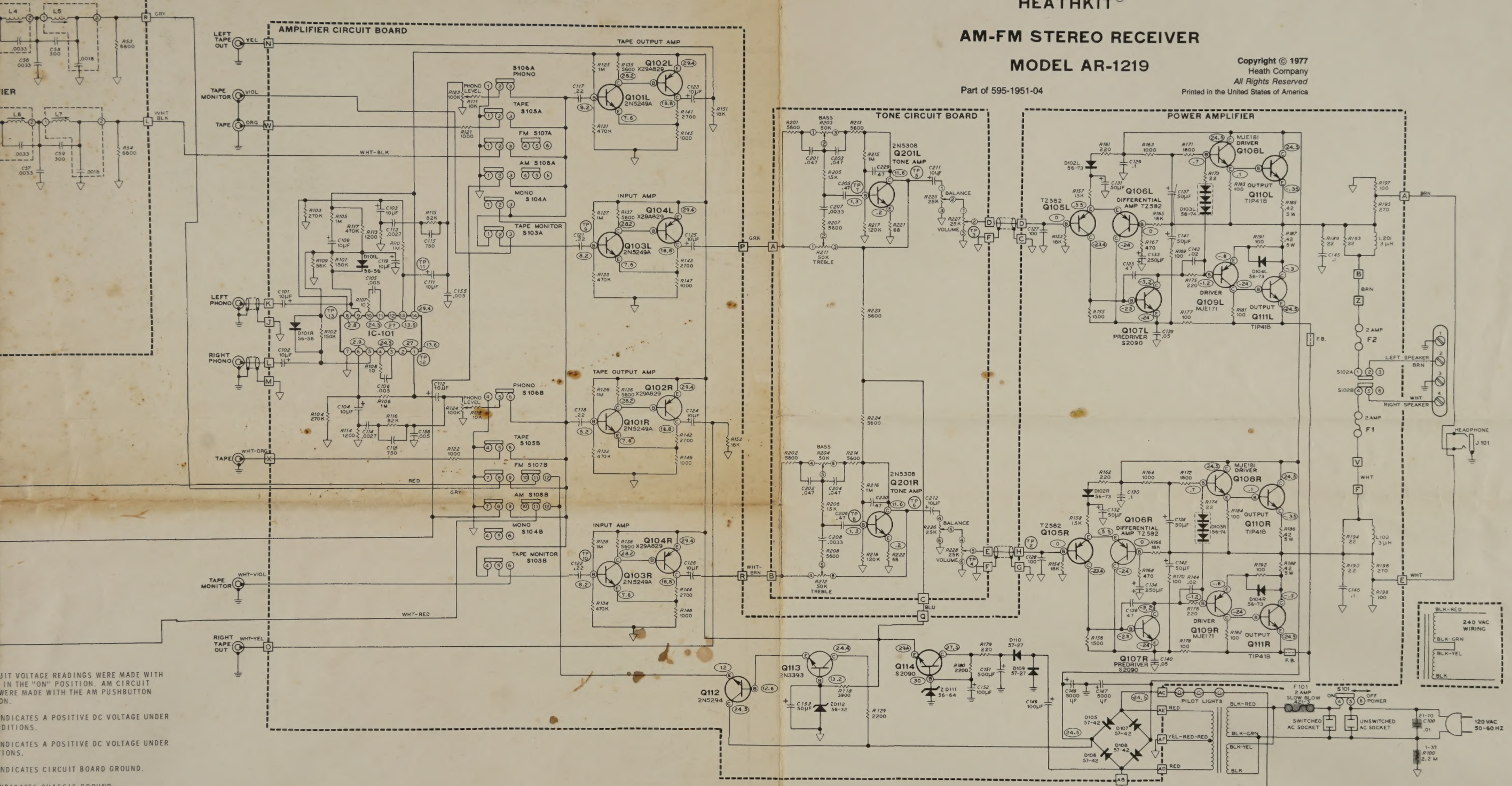
# SCHEMATIC OF THE HEATHKIT®

## AM-FM STEREO RECEIVER

### MODEL AR-1219

Part of 595-1951-04

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UNIT VOLTAGE READINGS WERE MADE WITH  
IN THE "ON" POSITION. AM CIRCUIT  
WERE MADE WITH THE AM PUSHBUTTON  
ON.

INDICATES A POSITIVE DC VOLTAGE UNDER  
CONDITIONS.

INDICATES A POSITIVE DC VOLTAGE UNDER  
CONDITIONS.

INDICATES CIRCUIT BOARD GROUND.

INDICATES CHASSIS GROUND.

INDICATES A STEREO-SIGNAL CONDITION.

INDICATES A CIRCUIT BOARD CONNECTION.

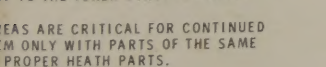
INDICATES A DIRECT CONNECTION FROM THE  
Y TO THE TUNER CIRCUIT BOARD.

EAS ARE CRITICAL FOR CONTINUED  
M ONLY WITH PARTS OF THE SAME  
PROPER HEATH PARTS.

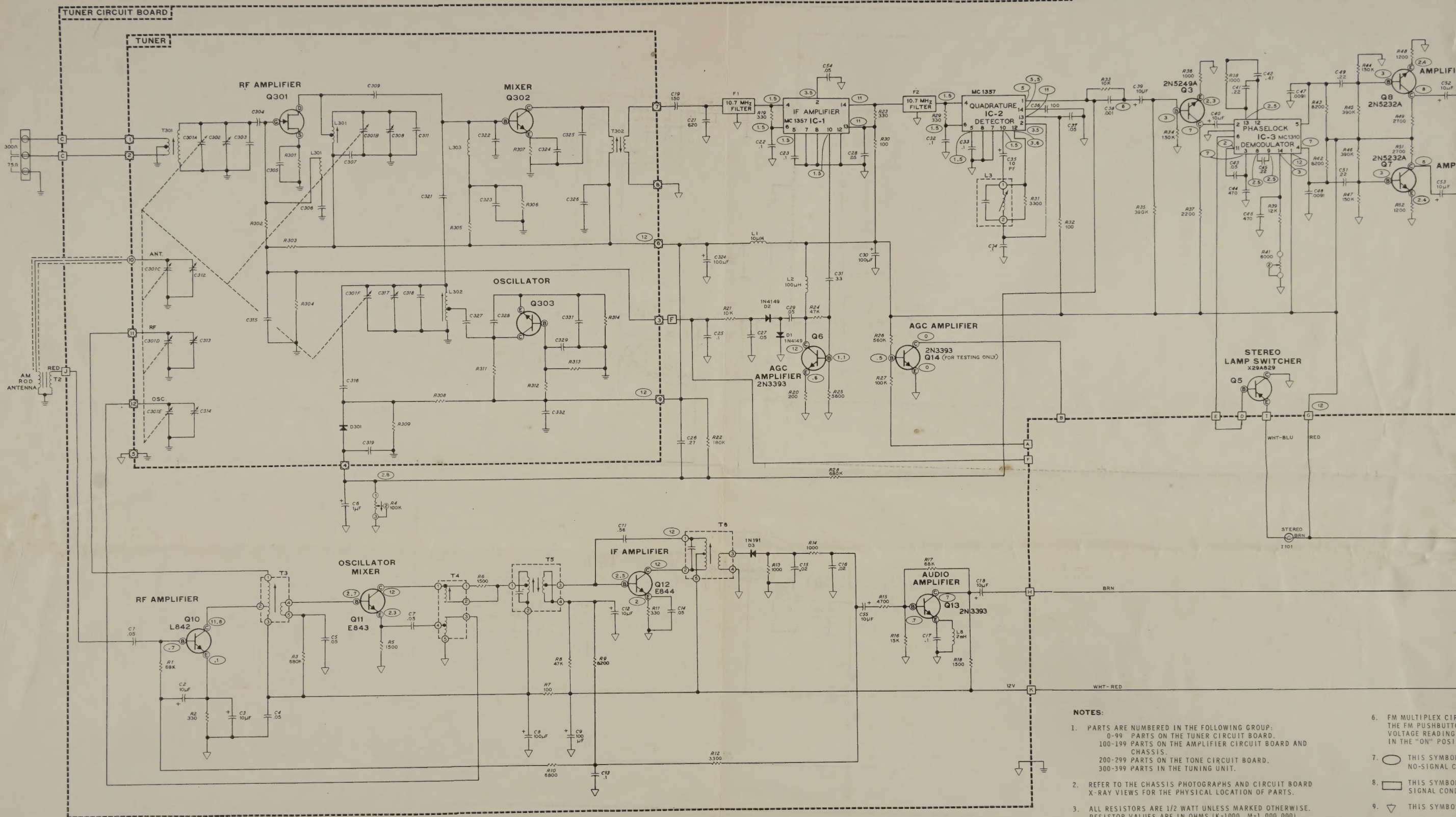


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# NOTES:

- PARTS ARE NUMBERED IN THE FOLLOWING GROUP:  
0-99 PARTS ON THE TUNER CIRCUIT BOARD.  
100-199 PARTS ON THE AMPLIFIER CIRCUIT BOARD AND CHASSIS.  
200-299 PARTS ON THE TONE CIRCUIT BOARD.  
300-399 PARTS IN THE TUNING UNIT.
- REFER TO THE CHASSIS PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.
- ALL RESISTORS ARE 1/2 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K=1,000, M=1,000,000).
- ALL CAPACITOR VALUES LESS THAN 1 ARE IN  $\mu$ F. ALL CAPACITOR VALUES 1 OR ABOVE ARE IN pF UNLESS OTHERWISE MARKED.
- DC VOLTAGE MEASUREMENTS WERE TAKEN WITH A HIGH IMPEDANCE INPUT VOLTMETER FROM THE POINT INDICATED TO THE CHASSIS GROUND. VOLTAGES MAY VARY  $\pm 20\%$ . LINE VOLTAGE 120 VAC.

- FM MULTIPLEX CIRCUIT. THE FM PUSHBUTTON VOLTAGE READING IN THE "ON" POSITION.
- THIS SYMBOL INDICATES NO-SIGNAL CONDITION.
- THIS SYMBOL INDICATES SIGNAL CONDITION.
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- PARTS IN SHADED ARE SAFETY. REPLACE WITH RATING OR WITH T.



